04-30 -0

Attorney Docket No. 5470-401



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Stafford et al. Application No.: 10/573,131

Confirmation No.: 4529 Group Art Unit: 1634 Examiner: J. Sitton

Filed: April 18, 2006 For:

METHODS AND COMPOSITIONS FOR THE CORRELATION OF SINGLE

NUCLEOTIDE POLYMORPHISMS IN THE VITAMIN K EPOXIDE REDUCTASE

GENE AND WARFARIN DOSAGE

Date: April 27, 2007

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT **PURSUANT TO 37 C.F.R. §1.97(b)**

Sir:

Attached is a list of documents, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the amendment by the U.S. Patent and Trademark Office to 37 C.F.R. § 1.98(a)(2)(ii) effective October 21, 2004.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last. Therefore, no fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP.

Myers Bigel Sibley & Sajovec, P.A.

P. O. Box 37428

Raleigh, North Carolina 27627 Telephone: (919) 854-1400 Facsimile: (919) 854-1401

Customer No. 20792

Respectfully submitted,

Registration No. 39,303

CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10

"Express Mail" mailing label number: EV854928722US; Date of Deposit: April 27, 2007 I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Amendment, Commissioner for Parents, P.O. Box 1450, Alexandria, VA 22313-1450.

Complete if Known OIPE Application Number 10/573,131 **INFORMATION DISCLOSURE** April 18, 2006 Filing Date First Named Inventor Darrel W. Stafford STATEMENT BY APPLICANT APR 2 7 2007 Group Art Unit 1634 Examiner Name Sitton (use as many sheets as necessary) Attorney Docket No. 5470-401 1 of 2 Sheet U.S. PATENTS AND PATENT PUBLICATIONS Name of Patentee or Applica Cite No. U.S. Patent Document Name of Patentee or Applicant of Cited Date of Publication of Cited Examiner Initials* Document Document Number Kind Code MM-DD-YYYY (if known) US-**U.S. PATENT APPLICATIONS** Examiner Cite No. U.S. Serial No. Name of Applicant of Cited Document Date of Filing of Cited Initials* Document MM-DD-YYYY US-**FOREIGN PATENT DOCUMENTS** Foreign Patent Document Name of Patentee or Applicant of Cited Date of Translation Cite Examiner Initials* Document Publication of No. Office Number Kind Code Cited (if known) Document MM-DD-YYYY OTHER NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Examiner Cite Initials* No. Absher et al. "Patient-Specific Factors Predictive of Warfarin Dosage Requirements" Ann Pharmacother 1. 36(10):1512-1517 (2002) Chenhsu et al. "Long-Term Treatment with Warfarin in Chinese Population" Ann Pharmacother 2. 34(12):1395-1401 (2000) 3. Devlin et al. "A Comparison of Linkage Disequilibrium Measures for Fine-Scale Mapping" Genomics 29(2):311-322 (1995) Durrin et al. "Vitamin D receptor 3'-untranslated region polymorphisms: lack of effect on mRNA stability" 4. Biochimica et Biophysica Acta 1453(3):311-320 (1999) Fang et al. "National Trends in Antiarrhythmic and Antithrombotic Medication Use in Atrial Fibrillation" 5. Arch Intern Med 164(1):55-60 (2004) Himly et al. "Defective Vaccinia Virus as a Biologically Safe Tool for the Overproduction of 6. Recombinant Human Secretory Proteins" Protein Expression and Punfication 14(3):317-326 (1998) 7. Hirsh et al. "Antithrombotic therapy in deep vein thrombosis and pulmonary embolism" American Heart Journal 123(4, Pt. 2):1115-1122 (1992) Jones et al. "A Cellular DNA-Binding Protein That Activates Eukaryotic Transcription and DNA 8. Replication" Cell 48(1):79-89 (1987) Kirchheiner et al. "Clinical consequences of cytochrome P450 2C9 polymorphisms" Clinical 9. Pharmacology & Therapeutics 77(1):1-16 (2005) Landefeld et al. "Anticoagulant-Related Bleeding: Clinical Epidemiology, Prediction, and Prevention" 10. The American Journal of Medicine 95(3):315-328 (1993) 11. Loebstein et al. "Interindividual variability in sensitivity to warfarin - Nature or nurture?" Clinical Pharmacology & Therapeutics 70(2):159-164 (2001) Mountford et al. "Internal ribosome entry sites and dicistronic RNAs in mammalian transgenesis" 12. Trends Genet. 11(5):179-184 (1995) 13. Pechlaner et al. "A New Case of Combined Deficiency of Vitamin K Dependent Coagulation Factors" Thrombosis and Haemostasis 68(5):617 (1992) Pennisi, Elizabeth "A Closer Look at SNPs Suggests Difficulties" Science 281 (5834):1787-1789 (1998) 14. 15. Stanley et al. "Identification of a vitamin K-dependent carboxylase in the venom duct of a Conus snail" FEBS Letters 407(1):85-88 (1997) Suttie et al. "Mechanisms of action of vitamin K: synthesis of gamma-carboxyglutamic acid" CRC Crit 16. Rev. Biochem 8(2):191-223 (1980)

Examiner Signature Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not

in conformance and not considered. Include copy of this form with next communication to applicant.

		Complete if Known		
	• • •	Application Number	10/573,131	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	April 18, 2006	
		First Named Inventor	Darrel W. Stafford	
		Group Art Unit	1634	
		Examiner Name	Sitton	
Sheet	2 of 2	Attorney Docket No.	5470-401	

OTHER NON PATENT LITERATURE DOCUMENTS							
Examiner Cite Initials* No.		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
,	17.	Wallin et al. "Purification of Warfarin-Sensitive Vitamin K Epoxide Reductase" <i>Methods in Enzymology</i> 282 :395-408 (1997)					
	18.	Wu et al. "Characterization of the γ-Glutamyl Carboxylase" <i>Thrombosis and Haemostasis</i> 78 (1):599-604 (1997)					

Examiner Signature	Date Considered	
	1	1